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(54) Title: BOIGRADABLE MULTI-BLOCK CO-POLYMERS

(57) Abstract: The invention relates to a biodegradable multi-block copolymer, comprising at least two hydrolysable segments derived from pre-polymers A and B, which segments are linked by a multi-functional chain-extender and are chosen from the pre-polymers A and B, and triblock copolymers ABA and BAB, wherein the multi-block copolymer is amorphous at physiological (body) conditions. The invention further relates to a process for preparing said copolymer and to its use as a medical implant, a coating for a medical device or a drug delivery vehicle.